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AMSAT NEWS SERVICE
ANS-178

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:
ans-editor at amsat.org.

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SB SAT @ AMSAT $ANS-178.01
ANS-178 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 178.01
>From AMSAT HQ KENSINGTON, MD.
June 26, 2016
To All RADIO AMATEURS
BID: $ANS-178.01

Fox-1Clif and Fox-1D Launch Window Update

AMSAT has been informed that the launch period for Fox-1Cliff and Fox-1D has been moved and is now commencing on September 1, 2016 and ending on November 30, 2016.

Fox-1Cliff and Fox-1D will be integrated onto the Spaceflight SHERPA platform for its maiden flight aboard a SpaceX Falcon 9 launching into a sun-synchronous orbit from Vandenberg Air Force Base. Fox-1Cliff and Fox-1D carry university experiments from Pennsylvania State-Erie, Vanderbilt, University of Iowa, cameras provided by Virginia Tech, as well as amateur radio voice repeaters capable of U/V or L/V operation.

[ANS thanks AMSAT and Paul N8HM for the above information]

2016 AMSAT Symposium Call for Papers

This is the first call for papers for the 2016 AMSAT-NA Annual Meeting and Space Symposium to be held on the weekend of November 10- 14, 2016. Proposals for papers, symposium presentations, and poster presentations are invited on any topic of interest to the amateur satellite community. We request a tentative title of your presentation as soon as possible, but no later than September 15th. The final copy must be submitted by October 15th for inclusion in the printed proceedings. Abstracts and papers should be sent to Dan Schultz at n8fgv(at)amsat.org

The 2016 AMSAT Space Symposium and Annual Meeting will be held aboard the cruise ship Carnival Liberty departing from the port of Galveston, Texas on November 10, 2016 and returning to port on November 14, 2016.

[ANS thanks 2016 Symposium Committee for the above information]

AMSAT-SA Invites SDR Transponder Developers

AMSAT SA is accelerating the development of its Kletskous transponder by introducing a parallel development process. Two RF experts have recent joined the team, they are Leon Lessing ZS6LMG and Francois Visser ZS1CED.

At its recent strategy meeting the association discussed its long term plans which includes the development of a Software Defined Radio transponder and other digital payloads. Radio Amateurs who have an interest in being part of discussions on these projects are invited to send their contact details including their Skype address to saamsat(a)intekom.com.za. For more information on SDR visit the AMSAT SA website at www.amsatsa.org.za and download the SDR presentation delivered by Deon Coetzee ZR1DE at the recently held space symposium. Join the conversation!

{ANS thanks the SARL weekly news in English 2016-6-25 for the above information]

Sathyabamasat Update

Forwarding a message received at the AMSAT Office. Keps sent by the Sathyabamasat team leader:

I am Dr. K. Vasanth, team leader for sathyabamasat. Please find the TLE of sathyabamasat that was launched in PSLV c34 on 22 June 2016 by ISRO

SATHYABAMASAT
1 99995U 16040Z 16175. 20805119 -.00000069 00000-0 00000+0 0 9993
2 99995 97.5054 234.3601 0013199 239.3342 211.7362 15.18710336 154

Kindly track our satellite and send me the tracked results if
possible.
E-mail vasanthecek at gmail dot com

Thank you for the help

regards

Dr. K. Vasanth

[ANS thanks the Sathyabamasat Team for the above information]

AMSAT P4 Information Published

AMSAT-DL published information on Friday about their P4 mission:
http://tinyurl.com/ANS178-amsat-p4-a-es-hail-2 (posted in German but
on-line translation services are useful)

The AMSAT-DL Phase 4 brochure is available at:
http://amsat-dl.org/images/stories/satellites/Eshail-2/P4A_Leaflet.pdf

AMSAT-UK covers this news also:
https://amsat-uk.org/2016/06/24/phase-4a-transponder-video/

[ANS thanks AMSAT-DL and AMSAT-UK for the above information]

UKube-1 Transponder Remains Active

UKube-1's transponder continues to remain active. Users will find
that their signals may disappear during short periods when the
satellite's primary beacon is active. Once the primary beacon's
transmission is finished, the transponder will go back to normal. The
145.15 MHz telemetry from FUNcube-2 is being copied a bit higher at
145.16 MHz. Users have noted that the transponder uplink is roughly
13-15 KHz high as well.

[ANS thanks Clayton W5PFG for the above information]

Bahamas Satellite Activation

Gabriel Zeifman, KM4RTS, made a successful satellite activation of the
Bahamas as C6AGZ on Sunday, June 19. He reports that his Logbook of
the World certificate has been approved and he will soon be uploading
the contacts. Following his activation of the Bahamas, he activated
several grid squares via satellite on a trip to Oklahoma City where he
will reside following his recent college graduation. A relative
newcomer to satellites, Gabriel has been steadily improving his
portable station and now operates all FM and linear SSB transponders
with ease using a pair of Yaesu FT-817ND transceivers and an Arrow II
satellite antenna.

[ANS thanks Clayton W5PFG for the above information]

Final Call For Speakers For The AMSAT-UK Colloquium 2016

Final call for speakers for the AMSAT-UK Colloquium 2016 which will be held from Saturday, July 29 to Sunday, July 31, 2016 at the Holiday Inn, Guildford, GU2 7XZ, United Kingdom:

https://amsat-uk.org/colloquium/

AMSAT-UK invites speakers, to cover topics about Amateur satellites, CubeSats, Nanosats, space and associated activities, for this event.

They are also invited to submit papers for subsequent publishing on the AMSAT-UK web site or Oscar News.

Those wishing to participate should contact Dave, G4DPZ, dave at g4dpz dot me dot uk

[ANS thanks Dave, G4DPZ for the above information]

CY9C St. Paul Island Expedition June Update

CY9C ST. PAUL ISLAND DXPEDITION (Update, dated June 18th). Randy, N0TG, reports: The countdown is on; just 60 days 'til activation. Procurement of final materials and supplies is in process and being shipped to team member K8LEE - Wayne. Wayne and Jay-K4ZLE will rent a cargo van for transport of most of the gear to our staging area in Canada departing their homes around 12 August. Phil, VA3QR, will be driving to the staging area with the generators and several other items. And, lastly Murray, WA4DAN, will also drive to Dingwall, Canada, with several yagi's. Other team members will be flying.

The team is excited and looking forward to a very inclusive operation, i.e, satellite, 2 meter EME, RTTY, CW, SSB. We also have plans to include working Tech and General Class. We appreciate the visits to our website and those who have taken the "NEED SURVEY". We are gearing up to assure we meet the band and mode needs expressed, as well as, concentrating on successful contacts on the long and difficult propagation paths to various locations in Oceania, Japan, India, Asiatic Russia, western USA and VE, etc.

Our thanks for the financial support; that helps greatly on the upfront cost of the dxpedition. Website: http://www.CY9DXpedition.com

[ANS thanks Ohio/Penn DX Bulletin #1270 for the above information]

2016 Candidates for the AMSAT-NA Board of Directors Announced

The 2016 candidates, in alphabetical order by last names are:

Tom Clark, K3IO
Clayton Coleman, W5PFG
Mark Hammond, N8MH

Bruce Paige, KK5DO
Paul Stoetzer, N8HM

This year AMSAT-NA will be electing three voting members of the Board of Directors. These will go to the three candidates receiving the highest number of votes. In addition, there will be two alternates chosen, based on the next highest number of votes received.

Ballots will be mailed to the AMSAT-NA membership by July 15, 2016 and must be received at the AMSAT office by September 15, 2016 in order to be counted. Those sent outside North America will go by air mail. If you have not received your ballot package in a reasonable time for your location, please contact the AMSAT office. Completed ballots should be returned as promptly as possible, and those from outside North America preferably by air mail.

Election of Board members is both an obligation as well as an opportunity by our membership to help shape the future direction of AMSAT. Please take the time to review the candidate statements that will accompany the ballot and determine who you wish to see on the Board. You have the option to vote for up to three candidates.

[ANS thanks AMSAT-NA Secretary, Paul Stoetzer, N8HM, for the above information]

ARISS News

+ A Successful contact was made between Gagarin From Space, "Slavic Commonwealth" Sochi, Russia and Cosmonaut Oleg Skripochka RN3FU using Callsign RS0ISS. The contact began 2016-06-19 09:30 UTC and lasted about nine and a half minutes. Contact was direct via R2Ø16SS. ARISS Mentor was Sergey RV3DR.

Upcoming ARISS Contact Schedule

Ufa, Russia, direct via TBD
The ISS callsign is presently scheduled to be RSØISS
The scheduled astronaut is Oleg Skripochka RN3FU
Contact is a go for Thu 2016-06-30 07:55 UTC

Justus-Knecht-Gymnasium, Bruchsal, Germany, direct via DN1JKG
The ISS callsign is presently scheduled to be OR4ISS
The scheduled astronaut is Jeff Williams KD5TVQ
Contact is a go for: Fri 2016-07-01 08:31:23 UTC

[ANS thanks ARISS, Charlie AJ9N and David AA4KN for the above information]

Exp. 46 back on earth. Congratulations on a job well done!
Tim Kopra KE5UDN
Timothy Peake KG5BVI
Yuri Malenchenko RK3DUP

[ANS thanks ARISS, Charlie AJ9N information]

Satellite Shorts From All Over

+ John 9H5G reports that I'll once again be active in C6 from January. I expect to activate the following grids: FL 05, 15, 14, 24, 23, 22, and possibly 21. Some of these will be /MM as they lack land.

  Unless I magically come across a pair of 817s or the like I'll only be on the FM birds although I may do some APRS once I get that figured out.

  [ANS thanks John 9H5G for the aboive information]

+ Congratulations to Frank Westphal for the Got Grids Award #16

  For more info on these free awards go to www.starcommgroup.org

  These awards are free we only ask that you make a donation to Amsat if you can.

  [ANS thanks Damon WA4HFN for the above information]

+ 2016 ARRL / TAPR DCC (Digital Communications Conference)

  Hilton Saint Petersburg Bayfront Hotel Tampa, FL
  September 16 - 19, 2016
  DCC Information at: www.tapr.org/dcc

  [ANS thanks Mark Thompson for the above information]

+ Satellite presentations in September - So CA

  Clint Bradford, K6LCS, will be presenting his satellite presentations in two venues in Southern CaliforniaSeptember.

  Thursday, September 1, 2016, 7:30 PM
  Downey Amateur Radio Club
  First Baptist Church, Room 120, in Downey, California.
  The church is between 2nd and 3rd streets, at 8348 E. 3rd St. Use 2nd St, East from Downey Ave (one block north of Firestone Blvd.) adjacent to City Hall. Entrance via double glass doors on the north side of 2nd St.

  Tuesday, September 13, 2016, 7:00 PM
  Sitting Bull Academy Library, 19445 Sitting Bull Road, Apple Valley. CA.

  [ANS thanks Southgate ARN for the above information]

+ Free Downloads: Mars Explorers Wanted Posters

  Mars needs you! In the future, Mars will need all kinds of explorers, farmers, surveyors, teachers … but most of all, YOU! Join NASA on the Journey to Mars as we explore with robots and, one day, send humans there.

  Download a Mars poster that speaks to you. Each of the eight posters represents a different type of explorer NASA is seeking.

  You can view them online, print them and share them with your friends.

  Check out the posters at http://tinyurl.com/ANS178-MoreOnMars

And for more information about Mars, visit http://mars.nasa.gov/

[ANS thanks the NASA Education Express Message -- June 23, 2016 for the above information]

/EX

In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status. Contact Martha at the AMSAT Office for additional student membership information.

73,
This week's ANS Editor,
EMike McCardel, AA8EM (former KC8YLD)
kc8yld at amsat dot org